

Model: Power-Xtra - 4S - 14.8V 7A Li-ion BMS

Stock Code: 900.600.501.145

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	4S - 14.8V 7A Li-ion BMS	4S-7A working current
2	Voltage	Charging voltage	16.8V
3	Current	Maximal continuous charging current	7A
		Maximal continuous discharging current	7A
		Current consumption	≤50μA
4	Overcharge Protection	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.5~2.0S
		Over charge release voltage	4.15±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.70±0.08V
		Over discharge detection delay time	0.5S—1.5S
		Over discharge release voltage	3.0±0.1V
6	Over Current Protection	Over current detection voltage	200±25mv
		Over current detection current	20±5A
		Detection delay time	5mS—20mS
		Release condition	Cut load or Charging Activation
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load or Charging Activation
8	Balance	Balance voltage for single cell	-
		Balance current for single cell	-
9	Resistance	Inner resistance	≤50mΩ
10	Temperature	Operating temperature range	-40 ~ +85°C
		Temperature Switch	-
		Storage temperature range	-40~ +125°C
11	Dimension	Length	50mm
		Width	16mm
		Thickness	5mm

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IMAGE / TECHNICAL DRAWING

